

19990424.qrp v01_n436.qrl.990424

Date: Sat, 24 Apr 1999 19:03:16 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1436

QRP-L Digest 1436

Topics covered in this issue include:

- 1) [38817] Re: [Elecraft] new K2 firmware will provide 10 CW buffers
by "Alan Fryer" <n3bj@hotmail.com>
- 2) [38818] GR-64 Sold/R-100 still available
by "Richard Arland" <r_arland@hotmail.com>
- 3) [38819] FT-301S Sold
by "Richard Arland" <r_arland@hotmail.com>
- 4) [38820] What happened to old Sol.
by "Vincent Ferme" <vferme@sprint.ca>
- 5) [38821] Another NC-20 Lives
by "Mark Hogan" <mhogan@email.msn.com>
- 6) [38822] Info on Tokyo-Hi Power Hand Held
by "Kelly Ellison" <kelman@dialnet.net>
- 7) [38823] Fw: Kitano Keys
by william h ross <k6mgo@juno.com>
- 8) [38824] Final transistor- blew it?
by Bensondj@aol.com
- 9) [38825] Dogwoods from BC
by Paul Erickson <paule@sfu.ca>
- 10) [38826] QRP and/or QRP county hunting
by W5HNS@aol.com
- 11) [38827] QRPTTF W7TAO
by Bruce Grubbs <bog@flagstaff.az.us>
- 12) [38828] ATTN: Dick AB0CD
by Jeff Johns <jeffj@scott.net>
- 13) [38829] Tempo 2020 Mic pinout
by pmk@juno.com
- 14) [38830] Winding Toroids
by "Ian C. Purdie" <purdic@integritynet.com.au>
- 15) [38831] NC-20 receiver sensitivity problem.
by "Craig B. Johnson" <johns516@maroon.tc.umn.edu>
- 16) [38832] Last call Little Rock Hamfest
by Jay Bromley <w5jay@alltel.net>
- 17) [38833] URL for the K-2 Transceiver?
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 18) [38834] [RE] Elecraft URL = Thanks, All :-)
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 19) [38835] Re: Funkamateur PA

- by "Radman" <radman@best.com>
- 20) [38836] An Alaskan's Perspective on Pacificon 98
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
- 21) [38837] Manpack qrp in mil jeep, today! 14.243
by Jim <w7ls@blarg.net>
- 22) [38838] QRPTTF start
by Ed Lawson <elawson@lr.net>
- 23) [38839] FS: OHR 40M Explorer II
by "Tim Cook" <timcook@erinet.com>
- 24) [38840] FS: Antenna Tunners
by "Paul Helbert, Wv3j" <phelbert@rica.net>
- 25) [38841] FCC change address??
by Bill H Hays <wj5o@juno.com>
- 26) [38842] Re: URL for the K-2 Transceiver?
by "Eric Swartz - Elecraft, WA6HHQ" <erics@elecraft.com>
- 27) [38843] Sprint Bouguet - Madonna Lily
by Jim Lyons <lyons@canada.com>
- 28) [38844] is it me...
by Mighty Mik <mitymik@hooked.net>
- 29) [38845] Re: Info on Tokyo-Hi Power Hand Held; FT 750
by Tom M <tjmc@erols.com>
- 30) [38846] QTTF
by "Steven Weber" <kd1jv@moose.ncia.net>
- 31) [38847] Re: QTTF
by "KA5T Larry Wise" <lewise@inetport.com>
- 32) [38848] un border op
by John Paul Keon <jpkeon@bellsouth.net>
- 33) [38849] Re: Keyer suggestions needed
by Larry Cahoon <wd3p@juno.com>
- 34) [38850] Re: QTTF
by Larry Cahoon <wd3p@juno.com>
- 35) [38851] Serria's and Lithium AA's?
by Andrew Comas <acomas@panix.com>

Date: Fri, 23 Apr 1999 16:31:22 PDT
From: "Alan Fryer" <n3bj@hotmail.com>
To: n6kr@elecraft.com, elecraft@qth.net
Cc: qrp-l@lehigh.edu
Subject: [38817] Re: [Elecraft] new K2 firmware will provide 10 CW buffers
Message-ID: <19990423233132.32884.qmail@hotmail.com>
Mime-Version: 1.0
Content-type: text/plain

Wayne

This is banner news ! Very welcome enhancement for us CW guys.

Keep it going.

Alan, N3BJ

-----Original Message Follows-----

From: Wayne Burdick <n6kr@elecraft.com>

Reply-To: Wayne Burdick <n6kr@elecraft.com>

To: elecraft@qth.net

CC: qrp-1@lehigh.edu

Subject: [Elecraft] new K2 firmware will provide 10 CW buffers

Date: Fri, 23 Apr 1999 10:00:48 -0700

For you CW ops: The next version of the K2 firmware will have 10 message buffers rather than 3, and each buffer will be nearly twice as big (154 bytes vs. 85). We're also working on improving the way the message PLAY button works (when cancelling/re-starting messages), and there will likely be some form of message chaining.

We'll have more details on this and other changes when we ship the firmware upgrade to field testers. (This is the same firmware that will be shipped with first production run of K2's.)

73,
Wayne
N6KR

Submissions elecraft@qth.net

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Date: Fri, 23 Apr 1999 23:49:33 GMT
From: "Richard Arland" <r_arland@hotmail.com>
To: qrp-1@lehigh.edu

Subject: [38818] GR-64 Sold/R-100 still available
Message-ID: <19990423234933.40352.qmail@hotmail.com>
Mime-Version: 1.0
Content-type: text/plain

This one is gone, too. It leaves next week for the Atlanta area.

73 es tn timer.

I still have the KnightKit R-100 for \$40, however.

Rich K7SZ

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Date: Fri, 23 Apr 1999 23:48:06 GMT
From: "Richard Arland" <r_arland@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [38819] FT-301S Sold
Message-ID: <19990423234806.39280.qmail@hotmail.com>
Mime-Version: 1.0
Content-type: text/plain

The FT-301S is sold. It's new home is slightly north of here in the Great Bergen Swamp.

73 to all and thnx fo the interest.

Rich K7SZ

Get Free Email and Do More On The Web. Visit <http://www.msn.com>

Date: Fri, 23 Apr 1999 20:11:32 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: <qrp-l@lehigh.edu>
Subject: [38820] What happened to old Sol.
Message-ID: <00dc01be8de7\$031c4a20\$bd1105d1@vince>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The solar flux is down to 98, I thought it was supposed to be moving up.
Anything special happening?

73 de Vince, VE3VFN.

Date: Fri, 23 Apr 1999 19:32:48 -0500
From: "Mark Hogan" <mhogan@email.msn.com>
To: "Low Power" <qrp-1@Lehigh.EDU>
Cc: <snake@goes.com>
Subject: [38821] Another NC-20 Lives
Message-ID: <000101be8de9\$fdc20580\$af85fdd0@compaq>

Sorry list this is long but I'm excited!

Well today a lifelong, (25+year) dream became reality. I built a radio, it worked, and I had conversation, (sort of) with it!
I've never built anything electronic, (circuit wise anyway) but I got one of the insurance kits, (lucky deal) then I got the guts, followed the book, goofed up a few times, (thanks all who helped) and today I finished a NC-20. Well let me tell you guys...
I built the NC-paddle kit while awaiting the NC-20 to arrive. Did I learn how to use a paddle, naaah!
I can bug it so what the heck!
I finished up the tune and the offset, and was spinning the dial, heard N2EMS (poor guy, thanks Ken!)
Well Ken was nice enough to give my 5 watts, (according to mr MFJ, 8.94 volts on the fluke 8f to the RF test pad) a 599 to Washington N.J. from Broken Arrow, OK.

I started in Kendall Park N.J., in 1968 @ 8yrs old. I was a swl and (oh no) cb'er (kabq7702, some memory huh). Well I never got the code then. 20 years later I got the license, 11 more years you NorCal guys pop up the week before I'm going for General and I get lucky enough to get a kit.

This is all a great ending to a week were the budget man is causing me to not sleep, let 10 officers go and in general have a terrible time.

Ham radio reigns supreme!

Sorry again for the rambeling.

Thanks Ken.,

Mark Hogan / N50BC

Date: Fri, 23 Apr 1999 19:39:15 -0500
From: "Kelly Ellison" <kelman@dialnet.net>
To: <qrp-l@Lehigh.EDU>
Subject: [38822] Info on Tokyo-Hi Power Hand Held
Message-ID: <199904240039.TAA10946@dialnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello All,

I have found a Tokyo Hi Power HF Handheld. It is for 40, 15 and 6 meters. I know there have been a few comments on QRP-L about these radios. I searched the web without success. Can somebody send me information, Links, Photos etc? I would be grateful. See you tomorrow during QRPTTF.

Kelly Ellison WB0WQS

Date: Fri, 23 Apr 1999 16:58:32 -0700
From: william h ross <k6mgo@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [38823] Fw: Kitano Keys
Message-ID: <19990423.173808.-78999.7.k6mgo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Steve, I have been using a Kitano paddle for over a year now. I really like it. Of course, I learned on a computer mouse to key my Icom 706, so up- down keying was not new to me. I really like it for the fact that it does not move around like other, conventional paddles. (Yes, I know, if you are using it right, it shouldn't move around). Also, after I built my NORCAL paddle kit (K8FF) I had a little trouble getting used to that type of paddle, but, a couple of hours use took care

of that.

All in all, I am very happy with mine. You can contact Kit Raymond at "kitano@juno.com"

Usual disclaimers

73/72 & ZUT

Bill K6MGO

Hi all,

Does anyone have any information on Kitano keys? Pictures? I would appreciate any information that is available. Thanks in advance.

73s

Steve

N4TKP

FISTS 4922

QRP-L 1763

G-QRP 10248

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Date: Fri, 23 Apr 1999 20:54:46 EDT

From: Bensondj@aol.com

To: andymeng@juno.com

Cc: qrp-l@lehigh.edu

Subject: [38824] Final transistor- blew it?

Message-ID: <76069986.24527056@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

>>From: Andy C Meng <andymeng@juno.com>

>>Subject: [38813] SW40+ final transistor -- think I blew it

>>... so I patched it with a loooong solder bridge. :-)

>>BUT, now I get no signal out. I believe the final transistor is bad, as

>>there is a signal getting to the pin of the transistor, but nothing coming out.

>>I think that if the diode was bad, it would either be open, and not doing

>>anything (rig still tx-ing), or be closed, and it even had this problem
>>when disconnected. Is the transistor bad? If so, where can I get another?<<

Andy-

Please e-mail me to receive prompt parts replacement and technical support.

73-

Dave Benson, NN1G
dave@smallwonderlabs.com

Date: Fri, 23 Apr 1999 18:15:54 -0700 (PDT)
From: Paul Erickson <paule@sfu.ca>
To: qrp-l@lehigh.edu (qrp), qrp-canada@lists.gpfn.sk.ca (qrp-canada)
Subject: [38825] Dogwoods from BC
Message-ID: <199904240115.SAA14797@fraser.sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ok, It's official. I will be distributing Dogwoods for the
Canada spring Bouquet on BOTH Saturday and Sunday from 1900-2100z
on 20meters CW. Look for me around 14060+/-.

Will do exchanges for both QTTF and SB for those who need them.

Looking forward to hearing from you all.

cheers, Paul VE7CQK/email: paule@sfu.ca

Date: Fri, 23 Apr 1999 21:36:04 EDT
From: W5HNS@aol.com
To: n5tw@igg-tx.net, HQRP@stevens.com, kg5u@hal-pc.org, bahr521@earthlink.net,
w5xd@alum.mit.edu, w5mn@txcyber.com, qrp-l@lehigh.edu
Subject: [38826] QRP and/or QRP county hunting
Message-ID: <b5c2e83b.24527a04@aol.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="ISO-8859-1"
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

Here's something you can try. Participating in a QSO Party running QRP. This party has a QRP category and a club aggregate category. Get your QRP club to enter this one. Challenge another QRP club. Operate individual QRP stations, submit your logs and scores and mention your club's name on the summary sheet. We'll tally the club score.

If you are a county hunter QRP, then you can have the best of two worlds. do the club thing and chase those mobiles all over the state. This is both phone and cw. But they get recognition separately as well as together. Here's the poop.

TEXAS QSO PARTY COMING SOON!!!

May 22nd and 23rd, 1999. That's before field day!!!! Get warmed up and ready for field day with a stint in the Texas QSO Party.

Last year showed strong positive signs of growth in this activity. Log submissions more than doubled the previous year and along with many more positive comments and inquiries about this year. With sunspots up, Techs will have a "field day" on ten meters and the Party has added a new category for Novices and Techs.

Links to the rules and other information have been placed on many additional websites including The Florida Contest Group website.

With 254 counties in Texas, many county hunters will be on the prowl. Some looking for low band contacts while others are trying to achieve USA CA for the first time or second or third. That makes every Texas amateur radio operator "the hunted" especially if he /she is mobile.

If you are not set up for mobile, organize a group and go multi operator. a great opportunity for Techs with no HF gear to take a turn when it is time to go to ten meters!!!!!! Hint ..hint Invite a Tech/Novice to join your mobile operation and get them hooked on mobiling, contesting, upgrading, etc. or set up a club activity and use a fixed station setup.

Non Texas participants make note that there will NOT be the mythical Armadillo County out there. At this early date (early April 99) we have firm

commitments from 15 mobiles . Some of these were not there last year and=20
some of the regulars just haven't reported in yet=85and they will!!!!

Mark your calendars=85..May 22 and 23, 1999. Check the Texas DX Society=20
website for complete Rules=85=85=85<http://wb5fnd.tech.uh.edu/~tdxs/> or em=
ail to=20
W5HNS@AOL.COM W5HNS@ARRL.NET

Date: Fri, 23 Apr 1999 18:45:14 -0700
From: Bruce Grubbs <bog@flagstaff.az.us>
To: qrp-1@LeHigh.edu
Subject: [38827] QRPTTF W7TA0
Message-ID: <3.0.5.32.19990423184514.0096c3b0@mail.infomagic.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello all,
Due to the storm that is hitting our border op site (AZ/NV/UT), we elected
to stay home. Scott and I will be operating under our club call, W7TA0,
from my home station.

72

Bruce, N7CEE
bog@flagstaff.az.us

Date: Fri, 23 Apr 1999 20:50:19 -0500 (CDT)
From: Jeff Johns <jeffj@scott.net>
To: qrp-1@lehigh.edu
Subject: [38828] ATTN: Dick AB0CD
Message-ID: <199904240153.UAA12606x@scott.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

Sorry to abuse the list, but Dick AB0CD could you please email me. The
postman brought me back the money order I sent you for the tuner and the

envelope was marked 'return to sender, no such address'. I lost your email address :(Email me your address again and I'll send it out again.

My apologies to the list....

73 Jeff W4JEF

```
*----- Jeff Johns W4JEF - AMSAT# 32615 - QRP-L# 1857 -----*
|jeffj@scott.net w4jef@amsat.org | Reserve Patrol Captain |
| Satellite: Mir R0MIR-1, AO-27 | Jefferson County Sheriff's Dept|
|200LX+BayPac+FT50=Portable Packet| QTH Birmingham, AL USA |
*-----*
```

Goin' Postal - HP 100/200LX (v3.04beta) REGISTERED

Date: Sat, 24 Apr 1999 02:19:57 -0400
From: pmk@juno.com
To: qrp-l@lehigh.edu
Subject: [38829] Tempo 2020 Mic pinout
Message-ID: <19990424.021957.6814.2.pmk@juno.com>

I pulled out the old Tempo 2020 today and
blew off the dust but couldn't find the microphone.
Also can't find the manual as well. They must
be in the same place but couldn't find either
one. I have a D104 someone gave me and
think I will hook it up.

It has been awhile since I have seen a
microphone but I found out a friend of mine
in Canada was trying to get in touch with me
and need a SSB rig to catch him.

Please don't black ball me as I will be QRO hi .

72 de Patrick KD4OBQ

AR
<http://www.qsl.net/kd4obq/>
pmk@juno.com for faster service.

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 24 Apr 1999 12:20:51 +1000
From: "Ian C. Purdie" <purdic@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [38830] Winding Toroids
Message-ID: <37212A83.5A51E038@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi to all,

Have a happy successful weekend.

I was taught many moons ago (abt 25 yrs) by a radio inspector, when winding any inductor, to select a suitable length of wire then put one end in a vice and then streeetch it. I have happily followed this procedure ever since. Count your turns from inside toroid and keep a 30 deg angle at start/finish for optimum Q.

For what it's worth.

73's

Ian Purdie (just gotta apply for my licence now)

Date: Fri, 23 Apr 1999 21:21:45 -0500
From: "Craig B. Johnson" <johns516@maroon.tc.umn.edu>
To: <qrp-l@lehigh.edu>
Subject: [38831] NC-20 receiver sensitivity problem.
Message-ID: <000301be8df9\$3701f1c0\$0101a8c0@cbj-pentium>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

NC-20 debuggers,

I have completed my NC-20 and but have not been able
go get it working yet.

The transmitter is working fine. Putting out about 5

watts, according to my meter. Output is 45 v P-P on my oscilloscope. OK. I know I could probably tweak components to get it to 7 watts , but 5 is OK for now. I did have a bad Q20 at first. It was shorted, causing the transmitter to activate immediately upon power-on, even though the keyer sounded normal in the headphones. After replacing Q20 all was well.

My problem is the receiver. It seems to be very insensitive. If I transmit into a dummy load with my "big rig" right next to it, I can hear it in the receiver. I tweak TC2-TC5 while in this mode, and it does peak a little.

I have checked the DC and AC voltages. Found I had a bad Q11, causing the DC voltages on Q10 and Q12 to be high. (Q12 base was 6.2 instead of 1.1, etc.) Replaced Q10 first, but voltages were still high. Then replaced Q11 and all voltages were near normal. AGC2 (at "S") is 5 volts on Receive and .20 on Transmit. I press onward toward the prize.

I believe the audio output is good, since the TICK sidetone is very loud in the headphones when transmitting and the AFA works well in receive mode. (AFA works fine in either mode. Neat!)

Now I have another concern area. In measuring the voltages on U4, I think I have a problem. In particular, on the oscillator inputs pins 6 and 7. Pin 7 looks fine, with about 6.2 v DC, and a "rough sine wave" of about .15 v. However, on pin 6, I have 6.7 v DC but no AC at all. Inductor L4 appears to be OK. On the crystal side of L4 I do see the sine wave, but on the other side (pin 6) nothing. Adjusting TC6 does not change this. It does change the amplitude of the sine wave on pin 7.

Something else is bothering me. I don't think I am drawing enough current on receive. It is only drawing about 100 ma. Sounds low, doesn't it? I didn't measure it on Transmit.

I really don't know if I am close to the real problem. Any help would be greatly appreciated.

- Craig, AA0ZZ

Date: Fri, 23 Apr 1999 21:47:44 -0500
From: Jay Bromley <w5jay@alltel.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [38832] Last call Little Rock Hamfest
Message-ID: <372130D0.D3A4CE5D@alltel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Just a reminder if you are going to the Little Rock Hamfest tomorrow, be sure to join us at the QRP forum. It will start at 10:00am Room #1.

Prizes:
TecTen 1320
Bound back issues QRPp
NorCal Resistor Kit ---- Thanks NorCal!
Tick Keyer
New Jersey Fireball

Bring your stuff, I'm going to bring my K2, SST, partially built NC-20, and my Index QRP++.

This is the same room that will be having the ADXA Forum afterwards. It should be great fun aggravating the big time DX'ers.

I hope to see you tomorrow, and looking forward to having a lot of fun.

73 de w5jay..

Date: Fri, 23 Apr 1999 22:48:45 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [38833] URL for the K-2 Transceiver?
Message-ID: <199904232250_MC2-7334-4B2B@compuserve.com>

MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Gang:

Anyone supply me with the url for the Elecraft K-2 transceiver? Thanks in advance. BTW, good luck in the QRPTTF tomorrow, to one and all :-).

72,

--Doc Lindsey/K0EVZ
DSBF
PO BOX 7187
Bismarck, ND 58507
70511.3041@compuserve.com

Date: Sat, 24 Apr 1999 00:07:44 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [38834] [RE] Elecraft URL = Thanks, All :-)
Message-ID: <199904240009_MC2-7326-D14F@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Gang:

Wow.....literally *tons* of responses. What a great list. Thanks one and all, and good luck tomorrow.

Please watch for K0EVZ. Plan to be operating from the western border of the Pine Ridge Reservation (this is a Sioux reservation in southwest South Dakota). Will be happy to exchange some CW with one and all <VBG>.

72,

--Doc Lindsey/K0EVZ
DSBF
PO BOX 7187
Bismarck, ND 58507
70511.3041@compuserve.com

Date: Fri, 23 Apr 1999 23:45:11 -0700
From: "Radman" <radman@best.com>
To: "Peter Zenker" <Peter_DL2FI@csi.com>, "'QRP-L via PoP3'" <qrp-l@lehigh.edu>
Subject: [38835] Re: Funkamateur PA
Message-ID: <199904240643.XAA15429@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Peter,

Thanks from a number of us on QRP-L for taking the time to pull your power measurements on the Funkamateur PA. The 10.5w - 6.8w from 160m -10m seems entirely reasonable for this design. The ability to exceed the "legal limit" on 10 meters is impressive ;) ! As you suggest, the 4.5w reading on 15m is likely an anomaly of your Sierra band module rather than the PA spec.

I'm impressed ! Again, thanks for the measurements :-)

72 es gud DX,

Conrad -- NN6CW

///snip///

Power supply has 13,8 Volt breaking down to 13,2 to 13,4 Volt depending on the current.

1,83 MHz	23,0 V	10,58 Watt
3,56 MHz	21,9 V	9,59 Watt
7,03 MHz	21,5 V	9,25 Watt
10,11 MHz	20,8 V	8,65 Watt
14,06 MHz	20,0 V	8,0 Watt
21,06 MHz	15,0 V	4,5 Watt
28,06 MHz	18,5 V	6,85 Watt

///snip///

72 de Peter, DL2FI

Date: Fri, 23 Apr 1999 23:56:05 -0800
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>
Subject: [38836] An Alaskan's Perspective on Pacificon 98
Message-ID: <37217915.694EBD33@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have added another article to my web page.

See you on 20 meters in QRPTTF...I hope, I hope, I hope.

--

73, Jim, AL7FS
<http://www.qsl.net/al7fs/>
<mailto:al7fs@qsl.net>
Anchorage, Alaska

Date: Sat, 24 Apr 1999 01:50:55 -0700
From: Jim <w7ls@blarg.net>
To: qrp-1@lehigh.edu
Subject: [38837] Manpack qrp in mil jeep, today! 14.243
Message-ID: <372185EF.56923505@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi, gang.

This is on the edge of qrp, but I think it qualifies. I will be going on a convoy of restored military vehicles from WW2 to Vietnam Era on Saturday the 24th (today), starting from Redmond, WA and going to Snoqualmie, WA, about 20 miles. We have another two hams along (KA7GKP and KC7YFR) who will be on mil rigs. We will be attempting to contact some of the decommissioned submarines that are being used as museum displays around the country at that time.

The primary freq will be 14.243 MHz, upper sideband. Starting time is 10:00 Pacific Daylight Time (what's that..... 17:00 UTC). My rig will be a PRC-74 manpack, running something like 10-20 watts, depending on batteries, antenna, and freq. The vehicle will probably be a 1943 Willys Jeep. Antenna will be a 16 foot mil whip, straight up when stopped, and bend down forward a bit while driving.

I'll try to get some pictures for those that might be interested. Should be fun. There are many subs that will be on that freq from 17:00

UTC on for an hour or two. All are welcome to check in for a short yak and there is some sort of an award for talking to 4 or more subs.

.73 (73, down 20 dB) de Jim, W7LS

Date: Sat, 24 Apr 1999 07:06:07 -0400
From: Ed Lawson <elawson@lr.net>
To: qrp-l@lehigh.edu
Subject: [38838] QRPTTF start
Message-ID: <3721A59F.8CB61C78@lr.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Current condx at proposed site: temp 25, gusts to 35, snow showers likely.

Should be fun if I can set up. Hope to hear all and be heard too.

Ed Lawson
K1VP

Date: Sat, 24 Apr 1999 07:12:56 -0400
From: "Tim Cook" <timcook@erinet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [38839] FS: OHR 40M Explorer II
Message-ID: <017f01be8e43\$67f7d200\$d0715acf@timcook.erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Good conditon, works excellent, with all documentation
\$80 shipped in US.

Was going to use it for camping this summer, but it worked so well, I want to get a multiband version, a OHR Classic or OHR -400 to take advantage of some other bands.

Please email direct.....

Thanks

Tim

NZ8J

Date: Sat, 24 Apr 1999 10:16:02 -0400
From: "Paul Helbert, Wv3j" <phelbert@rica.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, "tentec@contesting.com" <tentec@contesting.com>
Subject: [38840] FS: Antenna Tunners
Message-ID: <3721D222.52C0796D@rica.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

For Sale:

Ten Tec 238 2KW roller inductor antenna tuner with manual
\$350.00 shipped.

This is the current model which matches the Corsair II, Omni V, Omni VI, etc. It is without blemish. It switches four antennas, measures forward and reverse power, SWR, etc., has internal balun for balanced feedlines and (standard) additional cap for 160 meter operation.

My station has been miniaturized to the point that I no longer need a tuner of this size.

Others (you ship):

MFJ 949 D. Like new. \$85.00

Ten Tec AC5. Good condition. \$35.00

Murch UT-2000A. Very good appearance, excellent internal & performance. \$125.00

MFJ-16010 Converted to "T" network. Rough appearance.
Works FB. \$20.00

EMTECH ZM-2 ATU. Kit unbuilt except that decal has been applied to front panel.

Rainbow Tuner with San L Machine Co case. Kit unbuilt.

I don't know how I accumulated so many.

Paul, Wv3j

Date: Sat, 24 Apr 1999 09:55:47 cdt
From: Bill H Hays <wj5o@juno.com>
To: QRP-L@LEHIGH.EDU
Subject: [38841] FCC change address??
Message-ID: <19990424.095548.-245645.0.WJ50@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi All,
I need assistance again.
What is the URL where a Ham can change his address?
Thank you for the BW
72/73 Bill WJ50

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 24 Apr 1999 08:16:23 -0700
From: "Eric Swartz - Elecraft, WA6HHQ" <erics@elecraft.com>
To: 70511.3041@compuserve.com
Cc: QRP-L <qrp-l@lehigh.edu>
Subject: [38842] Re: URL for the K-2 Transceiver?
Message-ID: <3721E047.DCF3C7AB@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Doc,

We're at <http://www.elecraft.com>

72, Eric WA6HHQ

You Wrote on QRP-L:

Anyone supply me with the url for the Elecraft K-2 transceiver? Thanks in advance. BTW, good luck in the QRPTTF tomorrow, to one and all :-).

Date: Sat, 24 Apr 1999 11:44:30 -0400
From: Jim Lyons <lyons@canada.com>
To: qrp-1@lehigh.edu
Cc: qrp-canada@lists.gpfn.sk.ca
Subject: [38843] Sprint Bouguet - Madonna Lily
Message-ID: <3.0.5.32.19990424114430.00856d50@pop.hip.cam.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Log for VE2KN
Date April 24 1999
Frequ. 7041.7 kHz
Period 13:00 - 14:00 UTC

SENT		RECEIVED	
1307 N3YSI		589 QUE JIM # 25	579 PA PAUL 5W
1315 K1QM	579	579 MA JOEL	5W
1320 NA1XX	579	579 MA MIKE	4W
1323 VA3JFF	569	579 ON JEFF	9
1325 AF4LQ	559	549 KY MIKE	43
1330 VE3FUL	579	599 ON TED	75
1340 KB9IOT/M	579	559 MD DAVID	5W
1400 AA2JI	579	579 NY DUANE	5W
1430 KC1WD	449	559 MA BARRY	2W

Power line noise overwhelmed the weak ones ... sorry.

Jim Lyons, VE2KN
Montreal

Date: Sat, 24 Apr 1999 10:58:50 -0700
From: Mighty Mik <mitymik@hooked.net>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [38844] is it me...
Message-ID: <37220670.6053E209@hooked.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

or do conditions suck? I hear AK7Y...but they can't hear me...and they are way down in the noise. I hope things improve before the end of the day. It won't take much to break last year's score.

--

@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@
72/73 de Mick, WD8MNV/6 QRP-L #1673 QRP-C #118 ZOMBIE #441
NC20 SWL40+ ZM-2 DSP-3 rocket scientist and a 6 meter wanna be.
Aeropac #111 Tripoli #3071 Level 2

Date: Sat, 24 Apr 1999 14:20:00 -0400
From: Tom M <tjmc@erols.com>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [38845] Re: Info on Tokyo-Hi Power Hand Held; FT 750
Message-ID: <37220B50.47EBAC55@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Here's the latest on the Hy-Power FT 750...40/15/6m CW/SSB only at 3 watts(2w on 6m I believe)

First out back in abt 1994 and still is available in stock but only directly from the company.

Below is a reply from them and for those not in the know 66,900 yen is abt \$553. (exchange rate varies)
(also web page addres below but site is in JA only)

=====
Subject:
Re: Tokyo Hy-Power HT-750
Date:
Fri, 09 Apr 1999 15:43:25 +0900
From:
Tokyo hy-power <info@thp.co.jp>
To:
tjmc <tjmc@erols.com>

Dear Mr. McCuen,
Thanks so much for e-mail of 08 Apr.1999.

Our pleasure to quote as follows:

HT-750 SSB HANDY TRANSCEIVER	\49,800-
HSM-750 SPEAKER / MIC	3,800-
ANTENNA SET INCLUDES: (telescoping rod & base coils for 7/21/50MHz HA-40LB; HA-15LB; HA-06LB	7,300-
EMS SPEED POST SHIPPING & HANDLING CHARGES	6,000-
TOTAL: 1 CARTON C & F USA \66,900-	

All above:In-Stock. Can ship within a week upon receipt of your
bank check, payable to TOKYO HY-POWER LABS., INC. & be in term
of Japanese Yen & acceptable with any banks in Tokyo, Japan.
(Sorry, credit cards & personal check not acceptable)

Looking forward to hearing from you. Thanks for your interest in
our product. Best regards,
L. Nakashima

\$B3t<02q<R(B \$BE15~(B \$B%0%\$%Q%o!<(B
\$B")(B352-0012
\$B:k6L8)?7:B;TH*Cf(B3-1-1 web: <http://www.thp.co.jp>
tel:048-481-1211 fax:048-479-6949 mail: info@thp.co.jp

TOKYO HY-POWER LABS.,INC.
1-1,HATANAKA 3-CHOME,NIIZA, SAITAMA 352-0012 JAPAN
PHONE +81-48-481-1211 web: <http://www.thp.co.jp>
FAX +81-48-479-6949 mail: info@thp.co.jp

Date: Sat, 24 Apr 1999 14:34:21 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-1@lehigh.edu
Subject: [38846] QTTF
Message-ID: <199904241918.PAA28132@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Howdy,

The bands seem to be in poor shape here in the North East. I don't hear much of anything on 40 and what few stations I hear on 20 are very weak. 20 seems to be picking up some now though, so maybe in an hour or so I'll be able to work someone.

I'm glad I didn't go and set up outside in this chilly 40 degree Wx. Why don't we have these events later in the season, like late May? It's just too chilly out here near the 45th parallel this time of year :-)

How about a "run to the campground" contest in July? Operate from a Commercial, State, National park, or back country campground, Sat through Sunday morning. That could be fun! Much more reasonable time of year for a field event! A lot of you are roaming around in RV's that time of year anyway.

72,

Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Sat, 24 Apr 1999 20:39:53 -0700
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-1@lehigh.edu>
Subject: [38847] Re: QTTF
Message-ID: <199904242040.PAA04584@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Steve:

Yep, it would be good to have the ops at a better time, but do you know what the temps are in July in Texas or Arizona or Florida???? :-)

We need to schedule it late enough in the spring so that is warm up north but not yet hot down south... And what a time for a run to the campground....Better for us less hardy

types who don't do snow camping... :-)

(Yeh, and make it on a weekend that has good, no, fantastic propagation.... :-))

Larry KA5T
Georgetown Texas

Date: Sat, 24 Apr 1999 17:01:05 +0100
From: John Paul Keon <jpkeon@bellsouth.net>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [38848] un border op
Message-ID: <3721EAC0.730E5166@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I am on the bands operating un border from NC
having a wonderful time and getting as many of you
as I can...
QRM and QRN terrible in NC
But pulling you out...
JohnPaul/AB4PP

Date: Fri, 23 Apr 1999 23:11:47 +0100
From: Larry Cahoon <wd3p@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [38849] Re: Keyer suggestions needed
Message-ID: <19990424.214752.4630.10.wd3p@juno.com>

On Fri, 23 Apr 1999 14:29:25 -0600 tom whalen <wb5qyt@eFortress.com>
writes:
>Bob DeVarney WE1U wrote:

>I think the best bang for the buck is the Whiterook paddles and the
>Tick
>chip from Embedded Research. Total cost about 35 bux, and money well
>spent. Use mine mobile and backpacking...Really like it!!
>

Bob, I have to go with Tom on this one. I have the Whiterook MK-64. It
has both the paddles and Tick keyer all in one. I don't think you will
find anything smaller and lighter. Works great in the field.

72 de Larry.....WD3P in MD

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 24 Apr 1999 21:56:58 +0100
From: Larry Cahoon <wd3p@juno.com>
To: kd1jv@moose.ncia.net, qrp-1@Lehigh.EDU
Subject: [38850] Re: QTTF
Message-ID: <19990424.215658.4630.12.wd3p@juno.com>

On Sat, 24 Apr 1999 14:34:21 +0000 "Steven Weber" <kd1jv@moose.ncia.net>
writes:

>Howdy,

>

>How about a "run to the campground" contest in July? Operate from a
>Commercial, State, National park, or back country campground, Sat
>through Sunday morning. That could be fun! Much more reasonable
>time of year for a field event! A lot of you are roaming around in
>RV's that time of year anyway.

>

Just wait until the end of July for the Adventure Radio Society's Flight
of the Bumblebees. Just what you ordered but requires a bit of
hiking/biking etc.

73 de Larry.....WD3P

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Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 24 Apr 1999 20:48:39 -0700
From: Andrew Comas <acomas@panix.com>
To: QRP Discussion <qrp-l@Lehigh.EDU>
Subject: [38851] Serria's and Lithium AA's?
Message-ID: <37229097.550DFC39@panix.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I thought a while back someone posted a note about using Lithium batteries as their battery pack for backpacking. I would be interested in hearing how many you used and what kind (AA or other). Also, has anyone mounted AA batteries on the inside cover of their Serria?

thanks

Andrew N2ZT

End of QRP-L Digest 1436

